

**A
L
C**

ALEX L. CLARK LTD.

65

CATALOGUE

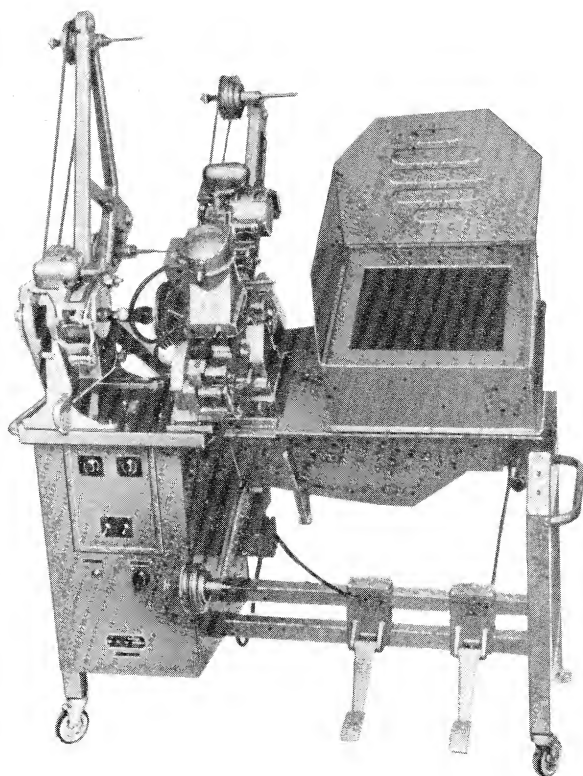
EDITING EQUIPMENT

INDEX

A		Motor Drive for Synchronizer		4
Alphabet Punch		Movietone Ink		7
Amplifier, Sound Reader		Moviola		1, 2, 3
Applicator Set, Cement		N		
B		Notcher, Film		9
Bin, Film		Number Punch		9
Blooming Ink		P		
Blooming Punch		Polisher, Film		8
Bottles, Cement		Polishing Rolls		8
Brushes, Cement		Power Rewind		4, 10
C		Preview Machine		1
Cans		Program Timer		5, 10
Cabinet, Film		Projection Screen		19
Cabinet, Slide		Projection Table		15
Cases, Fibre Shipping		Projectors		16, 17, 18
Cement Applicator Set		Punch, Alphabet		9
Cement Bottles		Punch, Number		9
Cement Brushes		Q		
Cement, Film		"Q" Marker		11
Cleaner, Film		R		
D		Racks, Film		7, 14, 15
Differential Rewinds		Razor Blades		9
E		Reader, Sound		3, 6, 12
Editing Machines		Reels		13
Embosser		Rental Rates		21
F		Rewinds		6, 10
Fibre Shipping Cases		S		
Film Bin		Screens		19
Film Cleaning Machine		Shipping Cases		13
Film Handling Gloves		Showtimer		5, 10
Film Horse		Slide Cabinet		7
Film Polisher		Sound Reader		6, 12
Film Rack		Splicers		9, 11, 20
Flanges		Splicing Tape		11
G		Split Apart Reels		13
Gloves, Film Handling		Synchronizer		5
H		Synchronizer Motor Drive		4
Handling Gloves		T		
Horse, Film		Trim Bin		15
Hot Splicer		U		
L		Utility Truck		15
Leadertape		V		
M		Viewer		3, 4, 11
Magnetic Splicers		W		
Magnetic Splicing Tape		Wall Rack		15

Moviola

"Preview" Machines



MOVIOLA PREVIEW MACHINES differ from other models of Moviola Film Viewing Machines in that the picture size is much larger. This allows up to 5 people to "Preview" a film. The large picture shows more detail which is useful for some "lip-sync" work, cartoon work and other special purposes such as studying technical experiments or data which has been recorded on film.

THE SHUTTER is of the barrel type. It may be disconnected and left in the open position, or reconnected without disturbing the timing.

The Picture Head is equipped with a standard "Geneva" star and cam intermittent mechanism.

SPECIAL PREVIEW MACHINES can be made up by mounting various combinations of "standard" heads on a cabinet. The following combinations are possible:

A Preview picture head with screen, Model DPV for 35mm film or Model LPV for 16mm film, plus any or all of the following:

1. Composite sound head on picture head.
2. One or more separate sound heads for 35mm film.
3. One or more separate sound heads for 16mm film.
4. Moviola Viewing Machine Model D, DX or LP. (DX or LP above can be equipped with composite sound head if desired.)

NUMBER OF SOUND HEADS

TYPE OF MOTORS

MODEL	For Composite Film	For Separate Film	Number of Automatic Reel Spindles	Induction (Constant) (Speed)	Series (Variable) (Speed)	Approx. Shipping Weight Lbs.
E-1—UDPVCs	1	1	4	1	1	430
E-2—UDPVC2S	1	2	6	1	1	490
E-3—UDPVS	0	1	4	1	1	410
E-4—DPV	0	0	2	0	1	330

NOTE—For 16mm Film

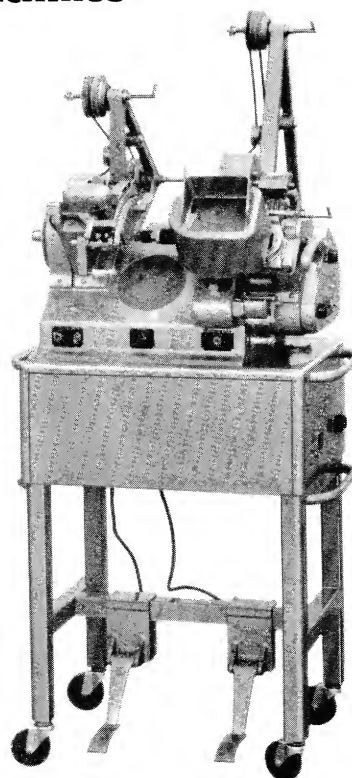
Machines similar to those described above can be furnished for 16mm film. Model number is same except substitute L for D.

Moviola

Series "20" Editing Machines

The "Series 20" Moviola Editing Machines are a completely new design embodying many new features and streamlined styling which provides better viewing, improved sound quality and greater convenience of use. They are available in a number of different models in order to meet the various requirements for editing film. Film editing often involves working with short pieces of film. All Moviola Models are designed so that short pieces can be used without putting the films on reels. The films (picture and sound) are fed to the machine by hand and after passing through the machine they drop into a film bin. This saves considerable time for persons accustomed to handling film in this way. For those who prefer to do all editing in this manner, Moviola offers Models without reel spindles.

SPECIAL MACHINES. Special machines with additional sound and picture heads can be furnished. Heads for 16mm film and heads for 35mm film can be mounted on the same machine and will run in synchronism.



MODEL	PICTURE HEAD		Composite Sound Head	Separate Sound Head	Reel Spindles	Universal Motor	Induction Motor	Table Model	Floor Model w/ Sound
	3" x 4" Screen	2 ³ / ₈ " x 3 ¹ / ₄ " Screen							
FOR 35mm FILM									
E-5—C-20	X	O	O	O	O	X	O	X	O
E-6—D-20	X	O	O	O	X	X	O	X	O
E-7—UC-20-S	X	O	O	X	O	X	X	O	X
E-8—UD-20-S	X	O	O	X	X	X	X	O	X
E-9—UD-20-CS	X	O	X	X	X	X	X	O	X
FOR 16mm FILM									
E-10—K-20	O	X	O	O	O	X	O	X	O
E-11—L-20	O	X	O	O	X	X	O	X	O
E-12—UK-20-S	O	X	O	X	O	X	X	O	X
E-13—UL-20-S	O	X	O	X	X	X	X	O	X
E-14—UL-20-CS	O	X	X	X	X	X	X	O	X

MAXIMUM REEL SIZE 35mm—PICTURE HEAD—15" 16mm—15".
SOUND HEAD—10".

BRACKETS FOR LARGER REELS CAN BE FURNISHED ON SPECIAL ORDER.

OPTIONAL EQUIPMENT FOR ABOVE

E-15—Counter for feet and frames.

E-16—Counter for seconds and 1/10 of second.

E-17—Lite Well (for "20" Series).

E-18—Frame and film bag (for "20" Series).

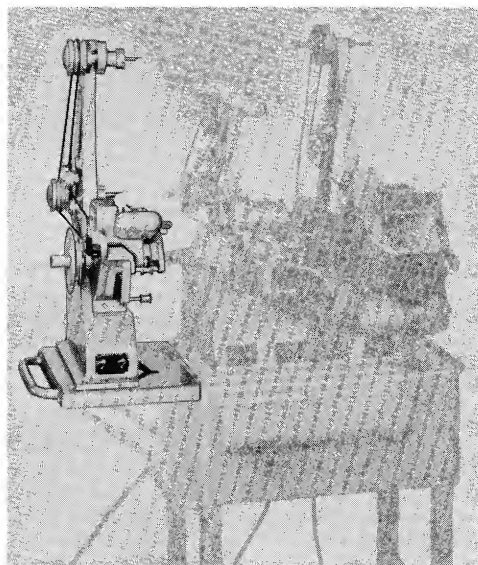
E-19—Cinemascope picture adaptation.

E-20—Searching Head (in place of separate sound head).

E-21—Transformer for 220 volt operation.

E-22—Scanning Head for magnetic film.

Add a Sound Head to Your Moviola for Multiple Sound Track Editing



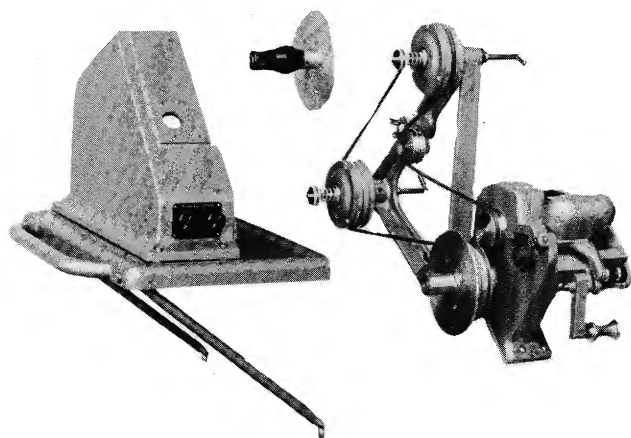
FEATURES:

1. Provisions for separate magnetic volume control over each sound head.
2. Plug-in attachments to amplifier.
3. Strong, easy to install from furnished instructions.

NOTE: Specify existing model Moviola for which extension is required.

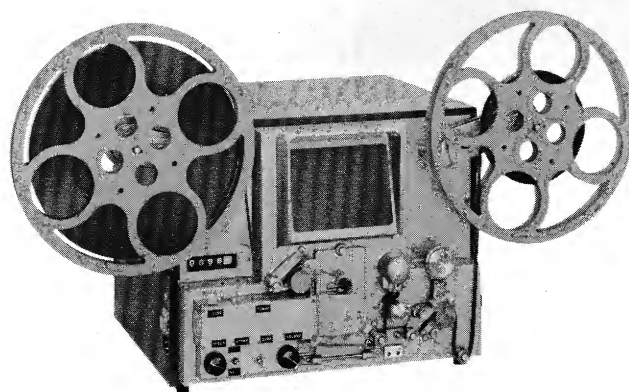
E-22A — Cabinet extension bracket with mixing controls and coupling attachments complete with

E-22B — 16 or 35mm Optical and magnetic sound head.



Library Reader for 16 mm Motion Picture Films

- TELEVISION PROGRAM INSPECTION
- FILM LIBRARIES
- SCHOOLS
- LABORATORIES
- PRODUCERS



E-22C — Portable Model LVR

FEATURES:

THREADING: Simple Straight through — no loops.

SPEED: Variable, up to 5 times sound speed in cine mode forward or reverse. Sound speed attained quickly by means of selector switch.

STILL FRAMING: Manual advance or reverse for frame by frame analysis.

REWINDING: High speed in either direction without switching reels.

CAPACITY: Handles up to 1 hour of 16 mm film.

QUIET: No intermittent noise.

SOUND: High quality maintained by drum stabilization system. Playback through built-in speaker or head set.

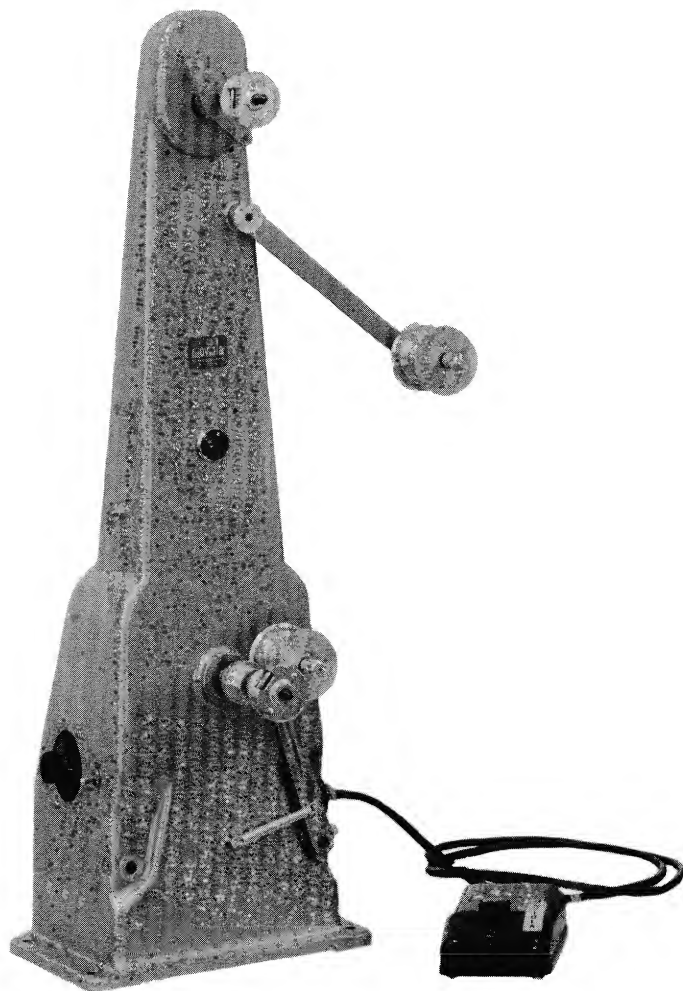
FILM PROTECTION: Continuous motion principle provides maximum film protection.

MAINTENANCE: Film gate quickly and completely exposed for dust and lint removal. Dust free housing protects optical components.

COUNTER: Timer or footage counter available as optional extra.

Automatic Power Rewind

for 16 mm and 35 mm Film



After months of field testing, Moviola is pleased to present the space-saving Model APR Automatic Power Rewind. Because of the vertical arrangement of supply and drive spindles, the APR needs less than half the space of the conventional rewinding set-up. It winds from or to any combination of reels or cores faster and safer than was thought possible. In addition, the Model APR automatically maintains consistent film tension throughout the rewind cycle even though unattended. Up to 3000 feet of 35mm film can be re-wound smoothly and safely in less than 1½ minutes. While the machine does the rewinding, operator is free for other duties. When requirements call for careful foot by foot film inspection, the Model APR can be operated at variable speed by means of the foot controller.

E-22D Model APR

CRAIG "Pro" Viewer

Features a large 4" x 6" hooded screen which permits comfortable editing and viewing of 16mm film. Coated optics assure maximum light transmission and edge to edge sharpness. Pictures are clear and bright. 75 Watt lamp provides 20 foot candles of light on screen for working in a normally illuminated room. Built to professional specifications to stand up under constant use.

E-22-E Viewer only

Sundry Items

E-22-F Kum-Klean labels

E-22-G Flomaster Pens

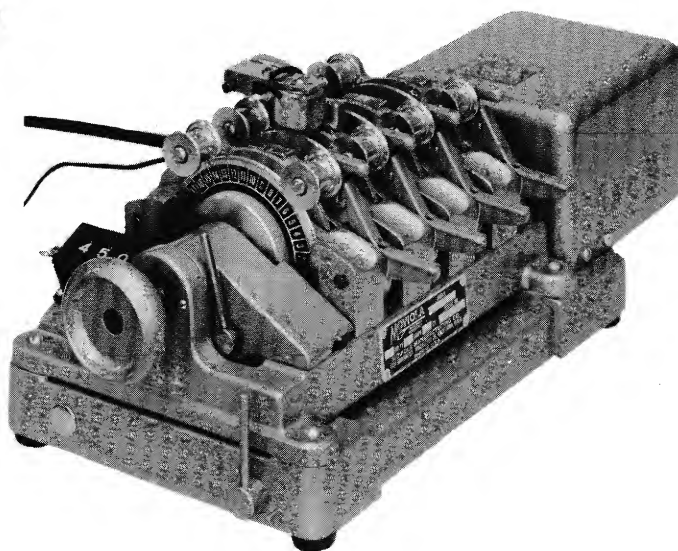
E-22-H Rapidograph Pens

E-22-I China Marking Pencils

E-22-J Head Cleaner for cleaning magnetic heads on sound readers and Moviolas.

E-22-L Nylon Velvet Cleaning Pads 9" x 11" — inside stitched to prevent fraying.

Motor Drive for Synchronizer

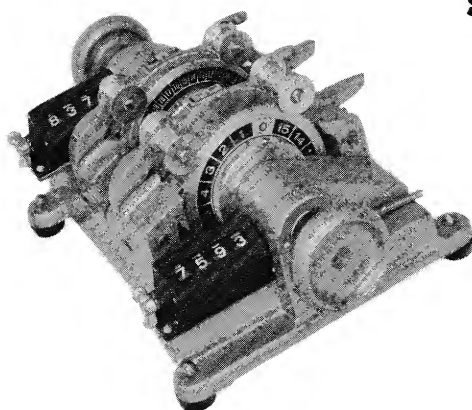


Installed on model SZD Synchronizer, this constant speed motor permits film to travel at standard 24 frames per second, resulting in clear, intelligible sound. Motor Drive may be disengaged by front lower clutch lever shown in illustration.

E-22M Model MDS-16

Moviola

Synchronizers



FOR 35MM FILM:

One revolution of sprocket measures 1 foot of film. The counter counts revolution (feet). Dial on first sprocket counts frames from 0 to 15. This dial can be rotated with reference to the sprocket to read zero at any desired frame. Counter can be set to zero to conform with zero on dial.

FOR 16MM FILM:

One revolution of sprocket measures 1 foot of film. The counter counts revolutions (feet). Dial on first sprocket counts frames from 0 to 39. This dial can be rotated with reference to the sprocket to read zero at any desired frame. Counter can be set to zero to conform with zero on dial.

COMBINATION 16-35:

A gear train is provided between the 16mm and 35mm sprockets so that the 16mm and 35mm films are synchronized by frames. Two counters are provided, one reading feet of 16mm film, and the other reading feet of 35mm film. Frames are counted by referring to the dials on the first 16mm sprocket and the first 35mm sprocket. The gear train can be disengaged by shifting a lever. When the gear train is disengaged, the 16mm sprockets and 16mm footage counter can be operated independently from the 35mm sprockets and the 35mm footage counter.

SPECIAL TYPES:

Special synchronizers can be furnished to order. Some we have furnished are as follows:

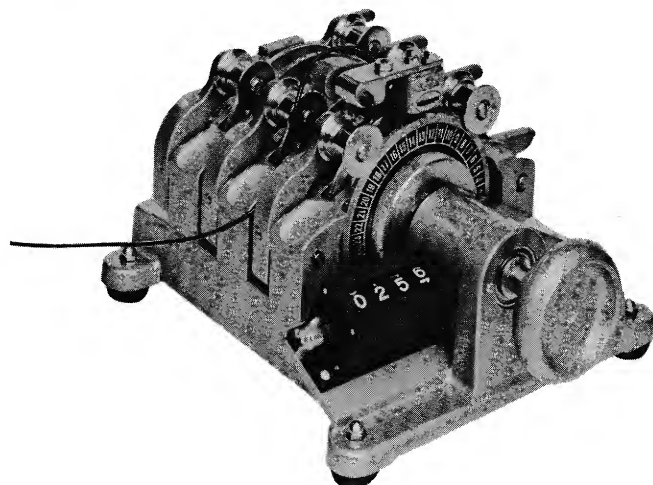
Counter to count frames only.

Counter to count seconds and tenths (referred to sound speed).

Clutch to disengage shafts between specified sprockets.

Adjustable rollers for 35mm or 17½mm (split film).

Sprockets for 35mm film punched double 16mm.



FOR 35mm FILM

MODEL	Sprockets
E-23—SYA	1
E-24—SYB	2
E-25—SYC	3
E-26—SYD	4
E-27—SYE	5
E-28—SYF	6

FOR 16MM FILM

MODEL	Sprockets
E-23A—SZA	1
E-24A—SZB	2
E-25A—SZC	3
E-26A—SZD	4
E-27A—SZE	5
E-28A—SZF	6

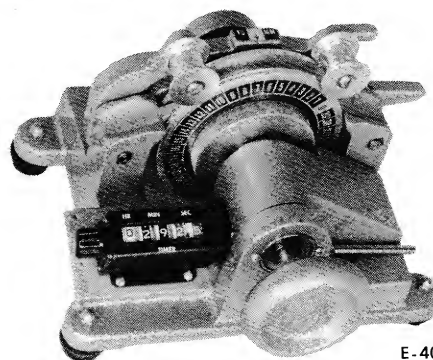
COMBINATION SYNCHRONIZERS

Specify Arrangement

- a. 16mm sprockets nearest operator.
35mm sprockets farthest from operator.

- 35mm sprockets nearest operator.
b. 16mm sprockets farthest from operator.

MODEL	35mm Sprockets	16mm Sprockets
E-29—SYAZA	1	1
E-30—SYAZB	1	2
E-31—SYAZC	1	3
E-32—SYBZA	2	1
E-33—SYBZB	2	2
E-34—SYCZA	3	1



E-40A

NOTE:—Synchronizers are normally furnished with footage counter (2 counters on combination synchronizers).

E-35—Additional seconds only or frames only counter.

E-36—Counter for seconds-minutes-hours (in place of footage counter).

E-37—Counter for frames only (in place of footage counter).

E-38—Counter for seconds and 1/10 seconds (in place of footage counter).

E-39—Sprocket for 17½ & 35mm film in place of 35mm sprocket.

E-40—Magnetic attachment for synchronizer arm.

E-40A—Program Timer, synchronizer SYA, SZA with Veeder-Root seconds, minutes, hours counter. (Illustrated Above)

Moviola

Rewinds



MOVIOLA REWINDERS are made to meet the special requirements of the cutting room and laboratory. The gear ratio is $3\frac{1}{2}$ to 1. The gear teeth are machine cut to assure smooth operation and long life. All models are capable of handling 18" dia. reels. The shafts of the multiple reel models are made from high carbon steel to provide maximum strength.

No. of Reels

- E-41—1
E-42—2
E-43—3
E-44—4—(16mm only)
E-45—4
E-46—1

Designation W/Shaft Only

- WA
WB
WC
WD
WDU*
WAT**

* Includes End Support and Universal Joint.
** Model WA with Tight Winder.

Designation W/Shaft, Spacers and Clamps as required

- E-47—WBS
E-48—WCS
E-49—WDS—(16mm only)
E-50—WDUS*

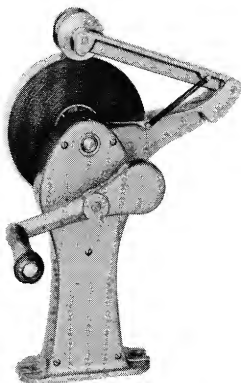
* Includes End Support and Universal Joint.
Specify 16mm or 35mm when ordering above.

No. of Reels

- E-51—1
E-52—2
E-53—3
E-54—4—(16mm only)
E-55—4*

E-56—End Support

* With Universal Joint.



- E-57—Spacers
E-58—Spring Clamp
E-59—Tightwinder attachment only.
E-60—"W" Rewinder less shaft.
E-61—Friction Drag.
E-62—Video Tape Reel Hub

Sound Readers

- E-63—SRO—16 Optical 16mm.
E-64—SRO—35 Optical 35mm.
E-65—SRB—Optical 16, 35, 35-32mm.
E-66—SRC—Accommodates all Optical and Magnetic Track.
E-67—SRM—16 Magnetic 16mm.
E-68—SRM—35 Magnetic 35mm.
E-69—SRM—Magnetic $\frac{1}{4}$ " 16, $1\frac{1}{2}$ and 35mm.
E-70—UROM—Optical and Magnetic Amplifier Speaker Unit (7 tube 6 in. speaker).
E-71—URS—Optical and Magnetic Amplifier Speaker Unit (3 tube 4 in. speaker).

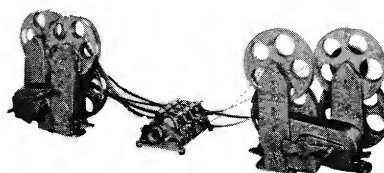


Differential Rewinds

MOVIOLA DIFFERENTIAL GEAR DRIVE REWINDERS are designed by the MOVIOLA COMPANY for facilitating the task of synchronizing two, three or four films. The design is protected by patents allowed and pending. When two or more films are being synchronized, they are held in synchronism by the teeth of the sprockets of the synchronizer, while each film is taken off one reel and taken up on another reel. On account of the differences in reels and the amount of film they carry, these reels will revolve at different speeds. Without special equipment it is therefore very difficult to accomplish this work with any degree of speed. Multiple reel rewinders, on which the reels are driven or held back by friction devices, have been manufactured by the Moviola Company for this purpose for many years. They satisfy the requirements of those who have to limit their investment in equipment to the minimum and will continue to be manufactured.

In **MOVIOLA DIFFERENTIAL GEAR DRIVE REWINDERS** the reels are each applied to a separate reel spindle and they are driven or held back by power equalized by means of one or more differential gear units. With this arrangement the work becomes simple and easy on the film. It can be accomplished with much more speed and is much more pleasant for the operator.

MOVIOLA DIFFERENTIAL GEAR DRIVE REWINDERS are furnished for use with two reels or with four reels. The two-reel rewinders are furnished in two sizes and with or without brakes. The four-reel rewinders are furnished in one size only and always with a brake. The brake levers are always on the side nearest the operator. This makes it necessary to distinguish between the rewriter to be used on the left side or the right side of the operator.



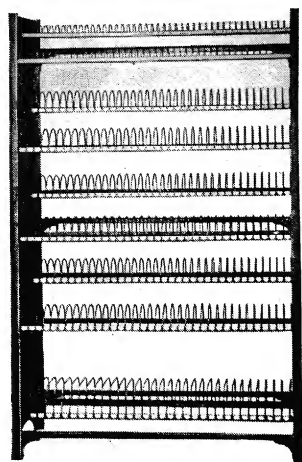
- E-72—RHB-2L
E-73—RHB-2R

- E-74—RHD-1L
E-75—RHD-1R

Neumade

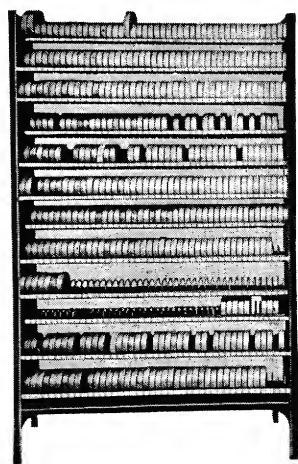
Racks For TV

All steel film racks with steel rod separators and index tabs for each reel. Satin smooth olive gray enamel finish, baked-on. All racks have cast iron feet drilled for floor mounting.



E-76—MODEL RK-330—All purpose 16mm floor model for approx. 90-100 ft., 210-400 ft. and 30-800 to 2,000 ft. reels in cans. Size: 48" wide, 72" high, 16" deep.

E-77—MODEL RK-340—Same as above but holds 180-100 ft., 100-400 ft. and 60 of the 800 to 2,000 ft. 16mm reels in cans.



PERFECT FOR SPOT COMMERCIALS

E-78—MODEL RK-540—Holds 540-100 ft. 16mm reels in cans. Size: 48" wide, 72" high, 10" deep.

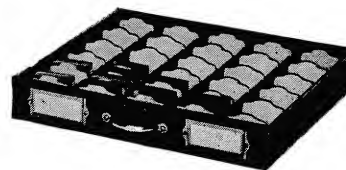
E-79—MODEL RK-410—Same as above but with 6 tiers for 270-100 ft. and 4 tiers for 140-400 ft. reels in cans.

Slide Cabinets

Heavy gauge fireproof cabinets for filing and storing all types of slides. Welded construction throughout. Instant selection. All cabinet drawers have back stops for full use when drawer is open. Drawers also easily removable. Over-all size 15" wide, 12" deep, 13" high. Finished in olive-grey enamel, baked-on. Also light grey hammertone when specified. Polished chrome handles and index card holders.



E-80—MODEL SF-5—Five removable drawers with back stops. Instant selection. Each slide held in position. Individual indexing. Holds 1250 slides (2500 readymounts).



E-81—MODEL SF-5-S—Same as SF-5 but for blocked or sequence filing. Five drawers have 30 adjustable tabbed index dividers. Holds 2500 slides or 5000 readymounts.

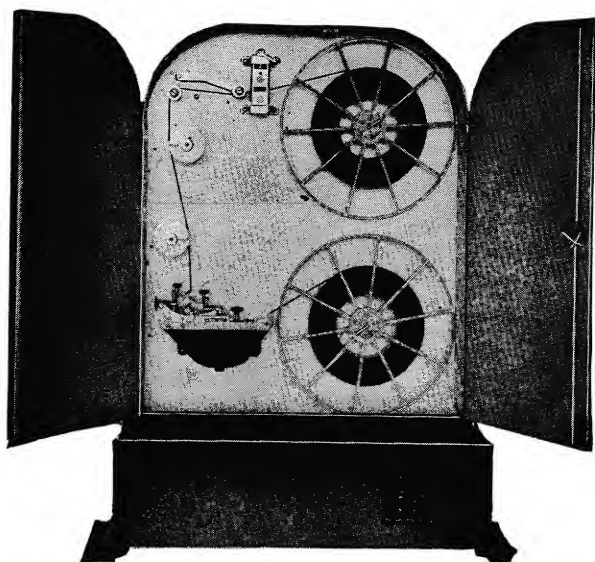
NOTE:—RE COMBINATION MODELS—Drawers from SF-5 and SF-5-S are interchangeable. Specify number of each type on order.

E-81A — MODEL SF-3 — Three drawer model for all types of 2 x 2 slides and readymounts. All steel welded construction with three removable drawers equipped with back stops. Fully indexed; size: 15" wide, 12" deep and 8½" high. Interlocking facilities included.

E-81B — MODEL SF-3-S — Subject or blocked filing for 1500 slides. (3000 readymounts) Lifetime adjustable indexing dividers.

Neumade

"Neuvator" Film Cleaner



E-82—MODEL CL-16—Automatically CLEANS, RENOVATES, POLISHES and REWINDS in one motor driven operation. Full 1600 ft. reel completed in 12 minutes. Film runs through "bath" past three sets of double squeegees which remove all dirt or foreign matter and excessive liquid without scratching the film; passes over two polishing rollers, one for each side of the film, which absorb the moisture remaining in the sprocket holes; then, PERFECTLY DRY and CLEAN, it is rewound on the take-up reel.

NOTE:—WARNING—As fumes from many film cleaning solutions are toxic, the use of an exhaust fan is recommended where adequate ventilation is not available.

E-83—NEUVATOR EXHAUST UNIT—Completely assembled self-contained unit to fit on vent extension provided through back of cleaner housing includes motor (110 v. 60 cycle, 1500 RPM) that exhausts 50 CFM by means of centrifugal squirrel cage fan, 10 feet of Neuflex tubing; a sleeve to fit on vent; and 2 metal brackets for clamping tubing. (Elbows for tubing not required as it can be formed to any shape or radius.

Renovex

The improved non-toxic film cleaning solution to keep film clean and fresh—for sharper pictures and clearer sound. For machine or manual use.

E-84—1 gallon can.



E-85—SQUEEGEES—Chemically treated molded rubber with just enough "give" for proper, efficient use. Sold by the dozen.

E-86—POLISHING ROLLS—Maximum polishing and buffing qualities with highest absorbent factor . . . sold by the dozen.

E-87—NEUVATOR STAND—Sturdy heavy gauge steel designed for "Neuvator." Convenient utility drawer, shelf and reel rack.

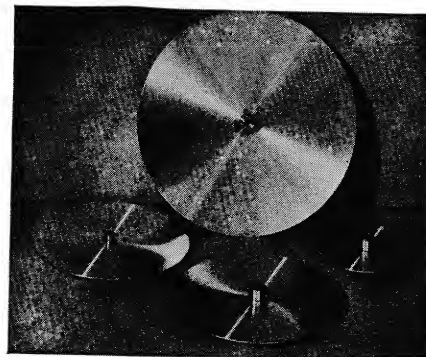
Film Polisher



E-88—MODEL S-1001—Use between rewinds. Polishes and cleans both sides in one operation. Finest grade silk velvet prevents scratching; yard of clean surface available on each roll. Replacement polishing rolls available.

Flanges

Neumade flanges are accepted as standard throughout the industry. There is a size and type for every purpose. All are fabricated with Duraluminum sides with brass hubs. Each has removable key in hub to engage bakelite cores. Smooth running, lightweight, they last a lifetime.



Model	Size	Model	Size
E-89—HM-2	6"	E-92—HM-3	6"
E-90—HM-9	10"	E-93—HM-10	10"
E-91—DAF-16	14"	E-94—DAF-26	14"

COMBINATION 16mm or 35mm (for 35mm Rewind Shaft only)

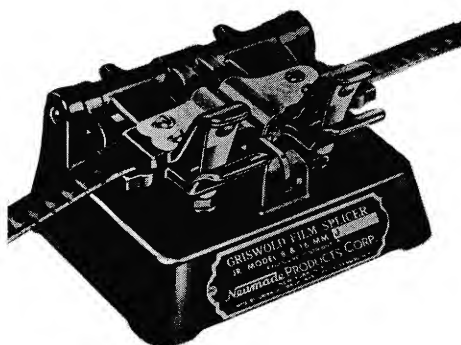
Model	Size
E-95—HM-8	6"
E-96—HM-11	10"

Neumade



E-97—FH-16—Single
E-98—FH-17—Double

Griswold Jr. Splicer



E-99—MODEL HM-6 JR.—A lifetime of accurate splices at a minimum of cost. A smaller edition of the Griswold Professional splicer known throughout the world. Gray iron castings finished in bright lustre enamel with polished parts—can't rust.

- Supplied with film locating pins on back. (Available on special order with pins in front).
- Available with choice of overlap 1/10" for positive or 1/16" for negative. (If not specified, 1/10" is supplied.)
- Over-all size: 4 1/8" x 5 1/2" x 3 3/8" high closed.

NOTE:—We carry a complete stock of replacement parts for Griswold Splicers.

E-100—MOVIETONE INK—For perfect results in blacking out sound track. Fast drying — opaque — will not chip, crack or flake. Sold in 4 oz. bottles.

E-101—CEMENT BRUSHES—Brushes of finest camel's hair, tightly bound, glued in short quill holder. Sold in minimum of a dozen only.

E-102—CEMENT BOTTLES—Empty cement bottles complete with bakelite screw cap and brush insert.

E-103—RAZOR BLADES—Rigid type with reinforced back for safe handling. Packed 100 to the box.

CEMENT APPLICATOR SET

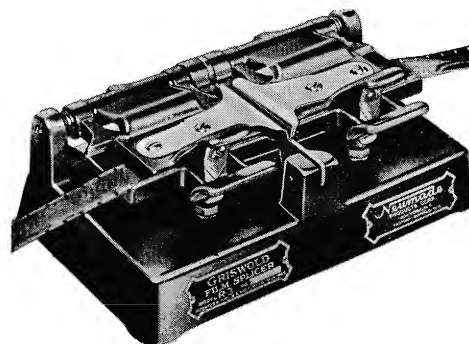
E-104—MODEL AS-16—Prevents spilling and wasting cement. Specially designed glass bottle spring clipped into heavy cast base. Aluminum disc lays flat on bottle to keep it airtight. Fluted brass applicator through disc deposits cement quickly and evenly.



Griswold R-3 Splicer

E-105—MODEL R-3—A sturdy, heavy duty precision built splicer, for 8mm or 16mm professional use. An exact duplicate of the world famous Griswold 35mm model except for size of film spliced. With the use of the R-3, 16mm sound film NEVER has to be "looped around" to splice. Locating sprocket pins are centred in the jaws so that 16mm sound film can be spliced from left to right or right to left, as desired. Always gives good solid clean square splice on the frame line . . . stronger than the film itself. Size 5 1/4" x 8 3/8" x 3 3/8" height (closed).

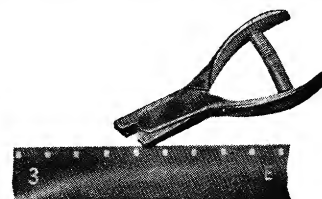
- Supplied with scraper holder, 3 scraper blades, felt moistener and complete instructions.
- Available in two different overlaps, 1/10" for positive — 1/16" for negative.



E-106—V-2 NOTCHER—Save time — film — splices. Simply notch out torn sprocket holes.

E-107—BLOOP PUNCH WE-16—"Bloop" punch for negative sound splicing.

NUMBER AND ALPHABET PUNCHES — Individual punches 1/8" high for film marking (3/16" height if specified). Sold as complete sets or separate punches.



E-108—SET OF NUMBERS (10 punches) — 0 through 9

E-109—ALPHABET SET (26 punches) — A through Z

E-110—INDIVIDUAL NUMBERS — 0 through 9

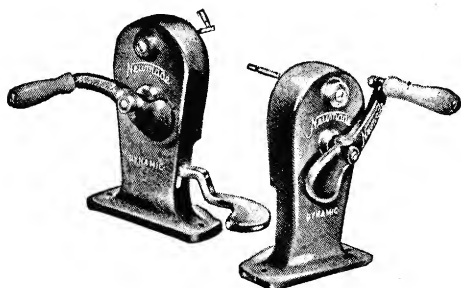
E-111—INDIVIDUAL LETTERS — A through Z

E-112—EMBOSSER—For marking positive or negative. Your selection of 3 characters. Used for identifying splices also.

E-113—FILM HANDLING GLOVES—Used whenever film is handled. Keeps film clean and free from finger marks. Specify if for men or women. Sold in minimum lots of dozen pairs only.

Neumade

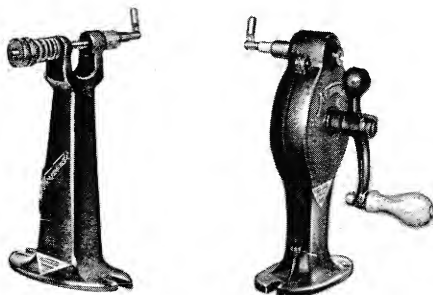
"Dynamic 16" Rewinds



E-114—GEARED END "DYNAMIC 16" REWINDS—Precision ball bearings, machine cut steel gears, 3 point base, 4 to 1 ratio, streamlined sturdy gray iron cast housings plus brake arm on left hand unit make these rewinds the most efficient and most durable in the world. Finished in fine black crystal morocco with bright yellow, extra full grip handles.

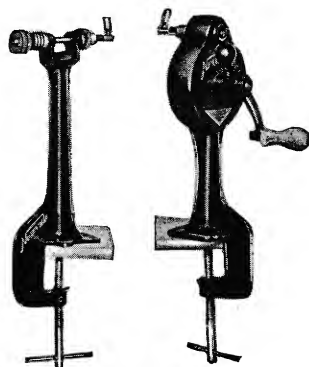
E-115—Geared End with Brake.

RW Rewinds



E-116—RW-1—Geared End.

E-117—RW-1—Dummy End.



E-118—Clamp type rewind Geared End.

E-119—Clamp type rewind Dummy End.

NOTE:—When ordering RW-1 or RW-2 rewinds be sure to specify exactly what is desired.

"SET"—Consists of a geared end and dummy (as shown).

"PAIR"—Consists of 2 geared ends.
Individual geared ends and dummy ends available.

Showtimer



E-120—MODEL ST-16—Projection time of 16mm sound film in seconds, minutes and hours—each reading a different color. Front dial shows time to 1/24th of a second—to the individual frame. Attractively finished in baked-on crystal enamel; rubber feet. Synchronized nylon tension rollers. Chrome trim.

FILM DIRECTION

NOTE:—Supplied "left to right"—teeth in front if not specified. "Right to left"—teeth in back or front available at same price when specified.



E-121—PD-1—Consists of ball bearing, motor driven rewinder, connected through a variable six position speed control designed for foot or hand operation. If desired, maximum speed can be limited by simple adjustment on foot pedal. Motor has built-in fan for cooling, preventing power loss. Slip clutch prevents damage to film from "cinching"—provides even tension at all times. Both units mounted on formica panel 42" long, 12" wide. Unit is equipped with a throw-out clutch for reversing the film with the geared end hand rewinder, which has sensitive arm brake. Panel can be equipped with a splicer, viewer, measuring machine or combination of any two or all three devices, on special order.

E-122—PD-2—Motor driven end only for use with present left hand rewind. Complete with foot rheostat. Does not include left hand rewind nor panel.

REVERSE SWITCH

NOTE:—Now a standard feature on all motor rewinds to reverse reel shaft directions.

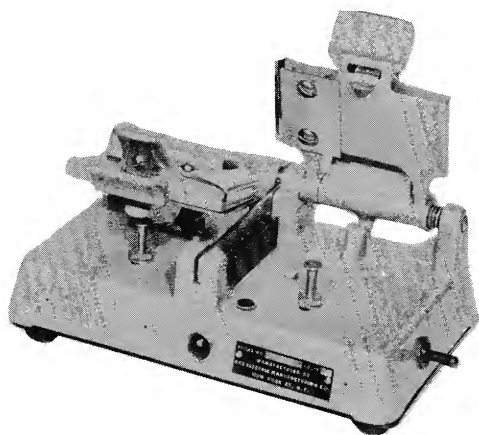
For longer life under the heaviest work load—built for continuous daily use.

E-123—XPD-1—Complete assembly same as PD-1 but with extra heavy duty motorized rewind XPD-2.

E-123A—XPD-2—Motorized end only for heavy duty work—complete with foot rheostat.

Ace Electric Co. Ltd.

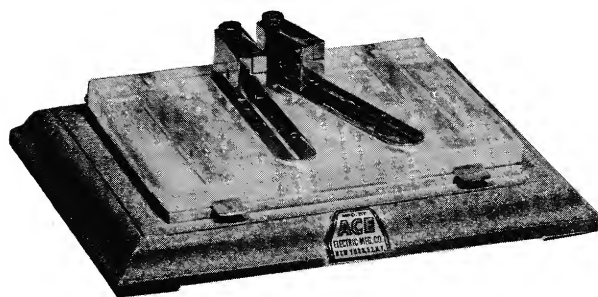
Ace Hot Splicer



E-124 — R2, R3 types for 5/32, 1/10, 1/16 overlap with lifetime cutting and press plates.

E-125 — Convert your existing R2 or R3 Splicer to Hot Splicer

Non-Magnetic Splicers



E-126 — Splicing plate for 1/4", 16 and 35mm stock.

The Firmsplice is a compact unit for use with 16mm or 35mm magnetic tape or film which enables the user to butt splice his tape or film with single or double perforated splicing tape. The splicing tape cutter is serrated on both sides which ensures a straight cut of the splicing tape and also enables the user to tear the splicing tape easily.

The cutting blade is made of beryllium copper never needs sharpening.

Size 6" x 6" x 4" — Weight 4 lbs.

E-127 — Firmsplice Straight cut 16/35

E-128 — Firmsplice Diagonal cut 16/35

New Ace non-magnetic film splicer from 70mm to 8mm.

Straight and diagonal cut on one machine.

E-129 — Model 62

E-130 — Splicing plate, 16mm only, with grooves for butt or diagonal splicing.

E-131 — Splicing plate only as above 35mm.

E-132 — Ace non-magnetic splicing tape cutter 16mm.

Mylar Splicing Tapes

E-134 — 16mm, opaque, single or double perforated. (Please specify.)

E-135 — 35mm, opaque, single or double perforated. (Please specify.)

E-136 — 16mm, clear, single or double perforated. (Please specify.)

E-137 — 35mm, clear, single or double perforated. (Please specify.)

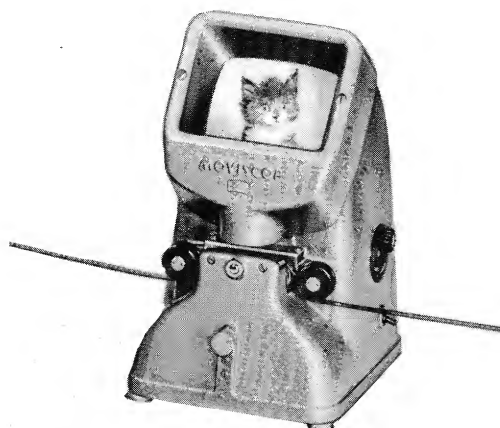
Film Cement

E-138 — 1 pint cans Jefrona

E-139 — 1 pint cans Ethylloid

E-140 — Ace Clearite "Q" Marker

Moviscop



Designed for professional use, MOVISCOP is the fastest, most efficient unit for viewing and editing film.

Check these features —

- o Moviscop viewing lens shows a bright, evenly illuminated 2 1/4 x 3 1/4" picture — no dark room necessary.
- o Fast and accurate editing — a slight finger pressure notches the film where it is to be cut.
- o Moviscop operates both forward and backward.
- o Film may be easily and quickly inserted.
- o Moviscop is a precision constructed, versatile unit which makes the film examining and editing fast and safe.

E-141 — Viewer complete

E-142 — Replacement lamps for above.

Cleaners

E-143 — ALC Film Cleaner — 1 gal. can

E-144 — Tuff-Coat — 1 gal. can

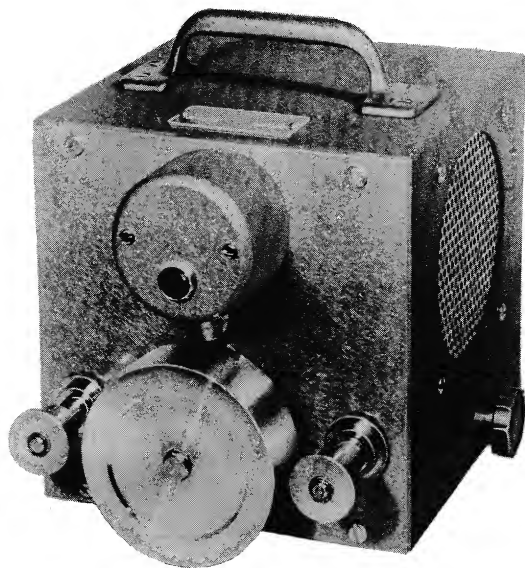
E-145 — Ecco No. 1500 — 1 gal. can

E-146 — Tuff-Coat No. 425A — 1 gal. can

For magnetic striped film and magnetic tape or film.

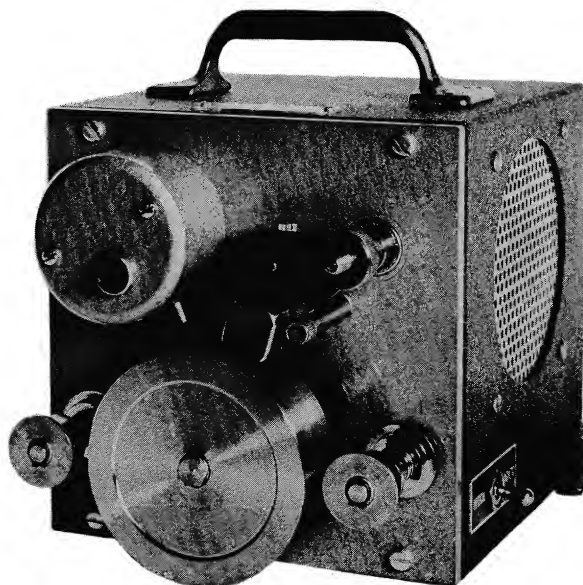
Precision Laboratories

Optical Sound Readers

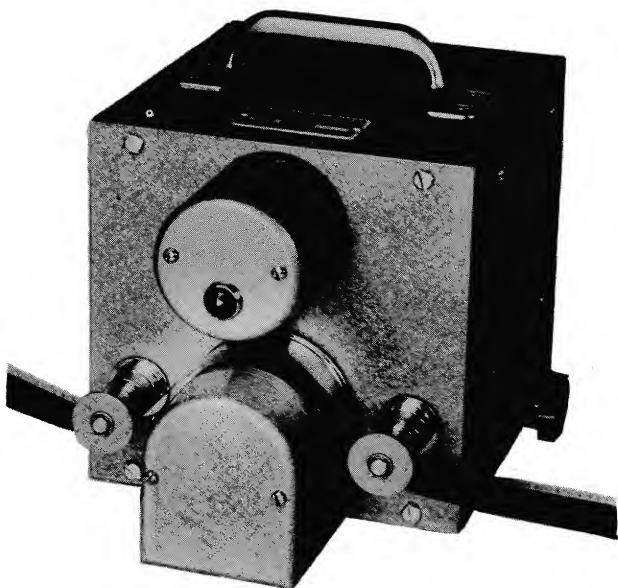


E-149—Model 600 for 16mm and 35mm. Sound track on film is read by placing the track toward the face of the instrument.

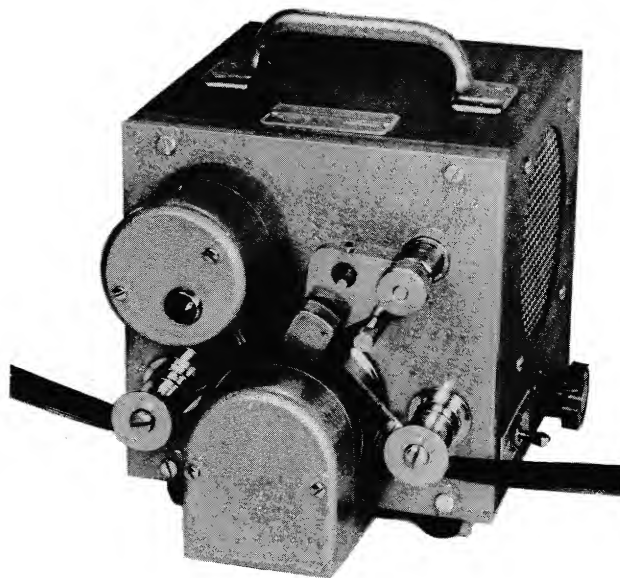
Optical/Magnetic Sound Readers



E-151—Model 800 for 16mm, 35mm and 1/4" tape. Sound track is read by placing the track toward the face of the instrument.



E-150—Model 600RL for 16mm and 35mm. The track is read by placing the track toward the operator and scanning from right to left. (Also used from left to right.)



E-152—Model 800LR for 16mm, 35mm and 1/4" tape. Track is read by placing the track toward the operator and scanning from right to left. (Also used from left to right.)

Goldberg Bros.



16mm Fibre or Plastic Reels

E-153— 50 ft.
E-154—100 ft.

16mm Steel Cans

E-155— 50 ft.
E-156—100 ft.

Split Reels

Steel

E-178— 400 ft.
E-179— 600 ft.
E-180— 800 ft.
E-181—1200 ft.
E-182—1600 ft.
E-183—2000 ft.

Aluminum

E-184
E-185
E-186
E-187
E-188
E-189

16mm Steel Reels

E-157— 100 ft.
E-158— 200 ft.
E-159— 400 ft.
E-160— 600 ft.
E-161— 800 ft.
E-162—1200 ft.
E-163—1600 ft.
E-164—2000 ft.

16mm Steel Cans

E-165— 100 ft.
E-166— 200 ft.
E-167— 400 ft.
E-168— 600 ft.
E-169— 800 ft.
E-170—1200 ft.
E-171—1600 ft.
E-172—2000 ft.

16mm Aluminum Reels

E-173— 400 ft.
E-174— 800 ft.
E-175—1200 ft.
E-176—1600 ft.
E-177—2000 ft.

35mm Reels

E-190—1000 ft. steel
E-191—2000 ft. steel
E-192— 400 ft. aluminum split
E-193—1000 ft. " "
E-194—1200 ft. " "

Non-Vulcanized Fibre Shipping Cases

A very sturdy non-vulcanized fibre film reel case for 16mm reels, reinforced with metal corners. Heavy web straps fastened to case. Equipped with large address holder.

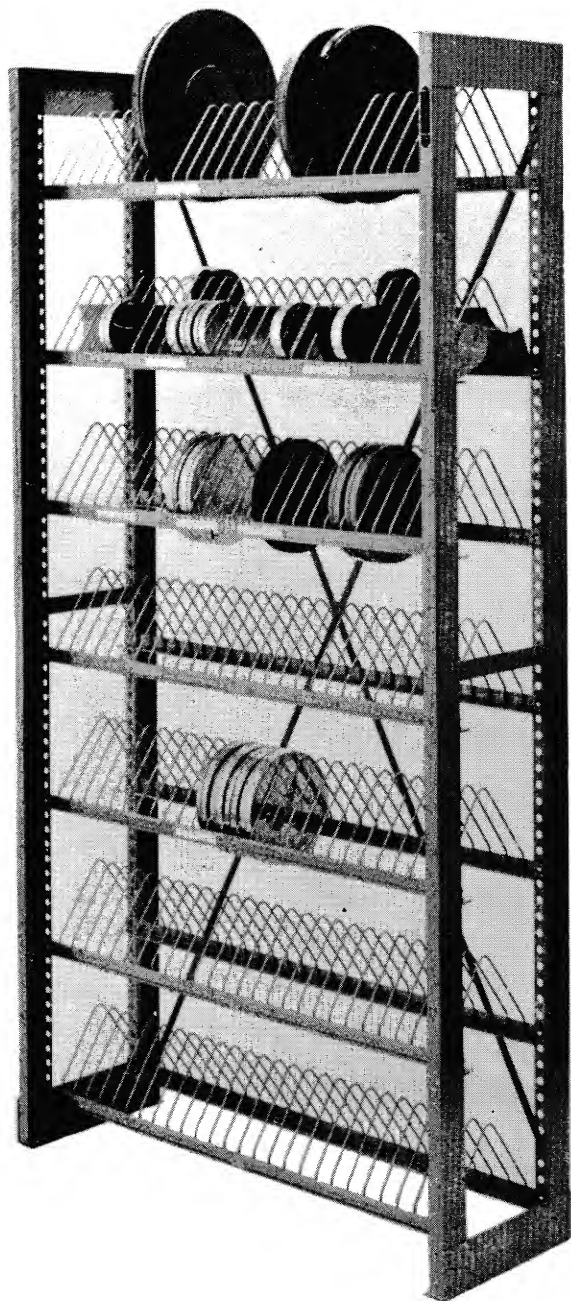
Size	Reels/Case				
E-195— 400 ft.	1	E-201— 800 ft.	1	E-209—1600 ft.	1
E-196— 400 ft.	2	E-202— 800 ft.	2	E-210—1600 ft.	2
E-197— 400 ft.	3	E-203— 800 ft.	3	E-211—1600 ft.	3
E-198— 400 ft.	4	E-204— 800 ft.	4	E-212—1600 ft.	4
E-199— 600 ft.	1	E-205—1200 ft.	1	E-213—2000 ft.	1
E-200— 600 ft.	2	E-206—1200 ft.	2	E-214—2000 ft.	2
		E-207—1200 ft.	3	E-215—2000 ft.	3
		E-208—1200 ft.	4	E-216—2000 ft.	4

Accessories Mfrs. Ltd.

Open Type Film Rack

7 RACKS PER UNIT ADJUSTABLE BY 1" VERTICAL CENTRES

Will take 400 ft. to 1600 ft. Film Containers
Unit Size 72" x 36" x 12 1/4"

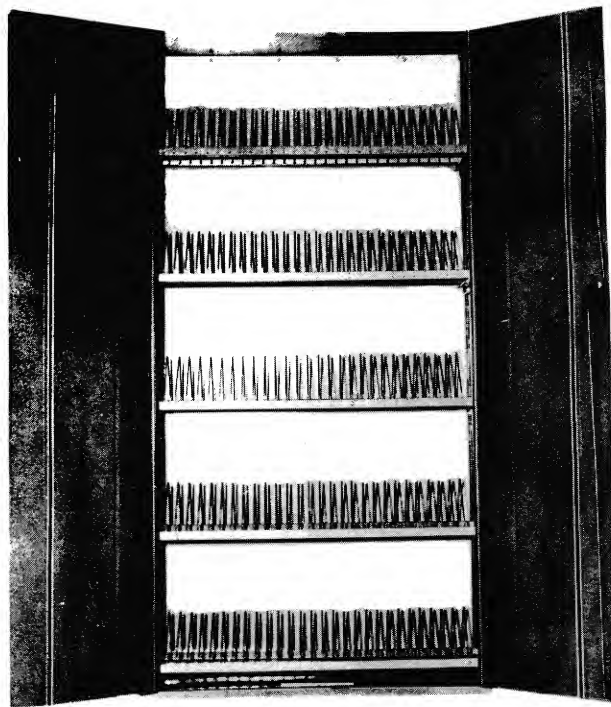


E-217—Model 16-7-26—16mm, 26 reels per rack.

E-218—Model 35-7-16—35mm, 16 racks per rack.

Cabinet Rack

Cabinet type film rack with two doors and cylinder lock, size
72" x 32" x 16". Five racks per unit.



E-219—Model 16-5-26—16mm, 26 reels per rack.

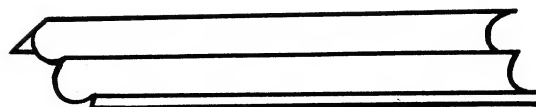
E-220—Model 35-5-16—35mm, 16 reels per rack.

EXTRA RACKS FOR OPEN AND CLOSED TYPE CABINETS

E-221—Model 16-26-E—16mm.

E-222—Model 35-16-E—35mm.

E-223—Universal rack with retaining slide for film or tape, 16mm.

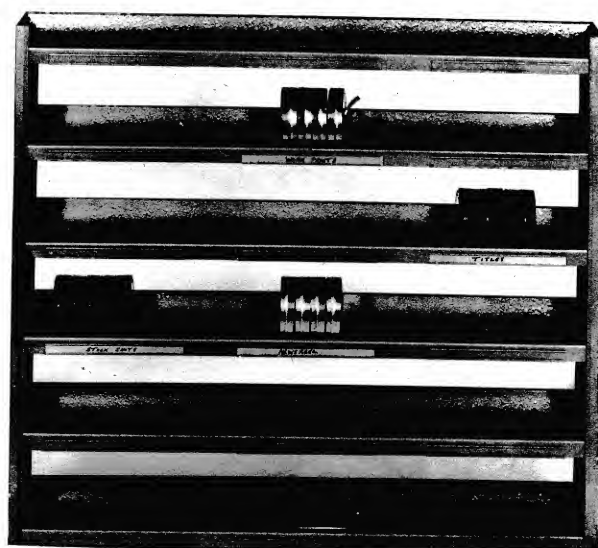


E-223A—Model 16-100-S—16mm. Sleeve for insertion on open type units.

E-223B—Model 35-100-S—35mm.

Accessories Mfrs. Ltd.

Wall Type Rack



E-224—Model 16-519—16mm film unit designed to hold 200 cans of 100 ft. films as below. The six open-faced shelves facilitate visible and convenient selection of the cans. Standard finish—grey hammerloid—sprayed and baked. Dimensions: 30" high, 34" wide, 4½" deep.

E-225—Model 35-519—(as above) but for 35mm cans, capacity 100.

Utility Truck



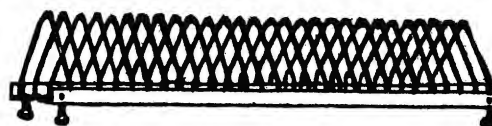
UTILITY TRUCK—36" x 42" High x 14"—2 Fixed—2 Swivel Casters.
CAPACITY—Top Shelf—26 Cans—400 Feet—2000 Feet.
Centre Shelf—13 Cans—400 Feet.
Centre Shelf—26 Cans—100 Feet.
Lower Shelf—Open Dims. 36" x 14" x 11" High.

E-228—Model UT-42-3—3" casting.

E-229—Model UT-42-4—4" casting.

Rack for Cutting Table

This rack has been designed with four rubber-covered feet to be used on a cutting table and will handle 26 reels of either 400 ft. or 1600 ft. reels of 16mm films. Size of rack is 36" x 8".



E-230—Model 16-026.

E-231—Model 35-01-6—as above, 35mm.

E-232—Trim Bin, Model TB-29-3—29 strip capacity.

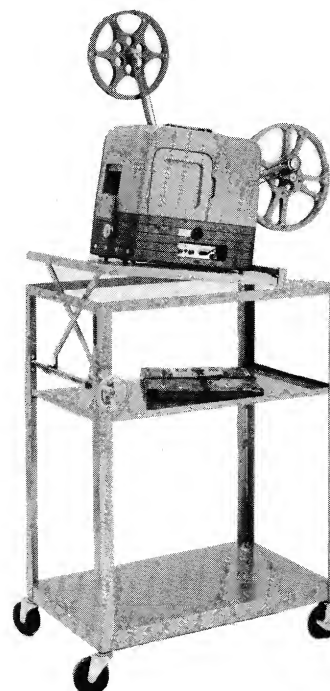
Projection Tables

E-233—EZE Project Table, Model EP-42-3—42" high, 3 casters.

E-234—EZE Project Table, Model EP-42-4—42" high, 4 casters.

E-235—EZE Project Table, Tilt Model EPT-42-4—42" high, 4 casters.

E-235A—Film Strip Wall File, capacity 90 filmstrips.



Trim Bin

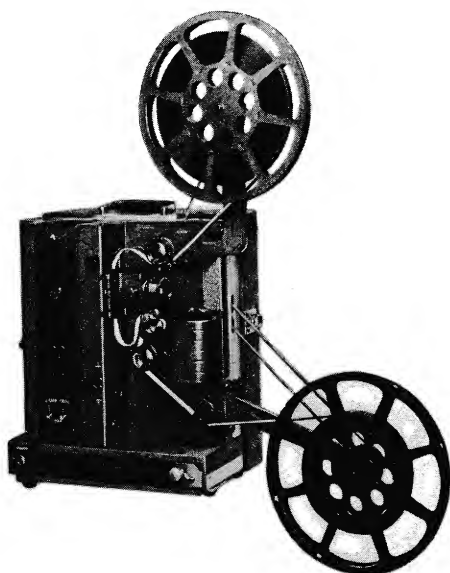
Essential for editing — 29 strip capacity with canvas receptacle removable. Mobile with 3" casters, 2 swivel, 2 brakes.

Overall Dimensions — 42" high, 32" wide, 14" deep.

E-236

RCA Projectors

Junior Model



Specifications

Projection Lamp.....Up to 1200-watt, standard medium
prefocused (1000-watt supplied)
Projection Lens.....2-inch, field-flattener, F1.6 coated
Film Capacity.....2000 feet, 16mm film
Operating Speed.....24 frames (sound),
16 frames (silent) per second
Mic Input Gain.....101 db
Mic-phono Input.....High Impedance
Power Output.....7 watts at less than 5% distortion
Tubes1 RCA 12AY7 1 RCA 6SL7-GT
2 RCA 50L6-GT
1 RCA 6V6-GT 1 RCA 921 (Phototube)

SPEAKER:

Voice Coil Impedance.....3.2 ohms
Field.....Alnico, permanent magnet
Cone Diameter.....8"

A-C Power Requirements (with 1000-watt lamp).....1150 watts
(105-125 volts, 60 cycles) (also available for 50 cycles)

CABLES:

Speaker.....40 feet, tlo cond. #18 cable, with plugs
Kower.....10 feet, two cond. #16 cable, molded
attachment plug

Net Weight.....33½ lbs.
Shipping Weight.....40 lbs.
Dimensions.....13⅞" long, 14¾" high, 9⅝" deep
Finish.....Grained surf-green coated fabric

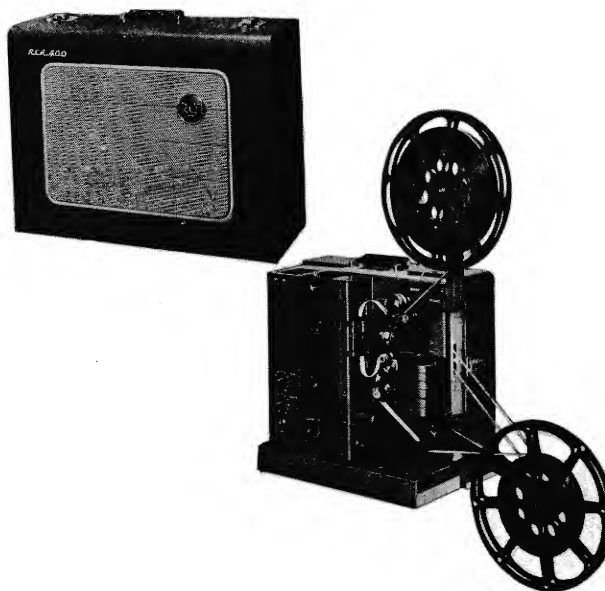
STOCK IDENTIFICATION:

E-237—For 60-cycle operation
E-238—For 60-cycle operation (with 3-conductor power
cord and isolation transformer)
E-239—For 50-cycle operation
E-240—Magnetic Playback Kit

NEW REVERSE MODEL

E-241—
E-242—Magnetic Playback Kit for Reverse Model.

Senior Two-Case Model



Specifications

Projection Lamp.....Up to 1200-watt, standard medium
prefocused (1000-watt supplied)
Projection Lens.....2-inch, field-flattener, F1.6 coated
Film Capacity.....2000 feet, 16mm film
Operating Speed.....24 frames (sound),
16 frames (silent) per second

AMPLIFIER:

Mic Input Gain.....106.4 db
Mic-Phono Input.....High Impedance
Power Output.....15 watts at less than 5% distortion

Tubes1 RCA 6J7 3 RCA 6V6-GT
1 RCA 6SL7-GT 1 RCA 921 (Phototube)
1 RCA 6J5 1 RCA 5Y3-GT

SPEAKER:

Voice Coil Impedance.....6 ohms
Field.....Alnico, permanent magnet
Cone Diameter.....10"

A-C Power Requirement (with 1000-watt lamp).....1150 watts
(105-125 volts, 50-60 cycles)

CABLES:

Speaker.....50', two cond. #18 cable with phone plugs
Power.....10', two cond. #16 cable, molded plugs

Net Weight:

Projector36¾ lbs.
Shipping Weight43 lbs.
Speaker26 lbs.
Shipping Weight31½ lbs.

Dimensions:

Projector15½" long, 15" high, 9" wide
Speaker19⅝" long, 15⅝" high, 9" wide

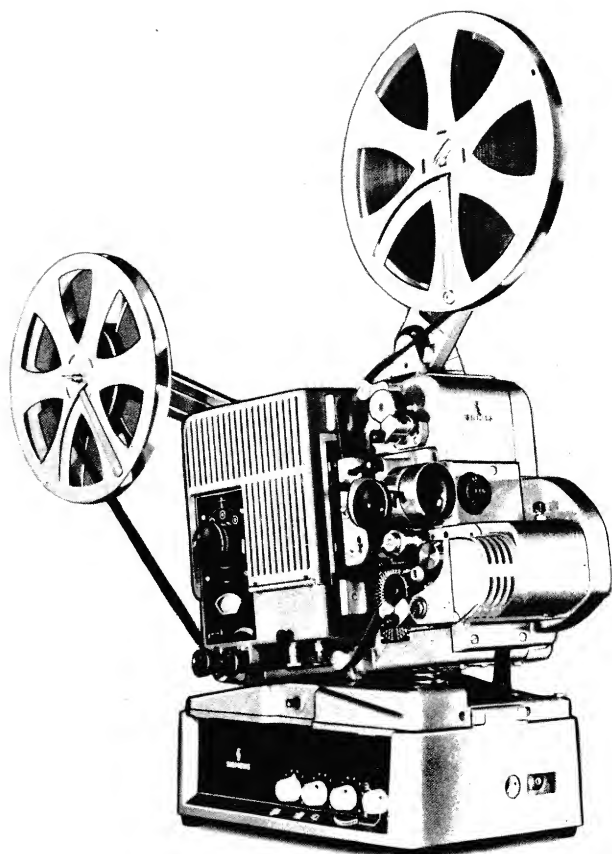
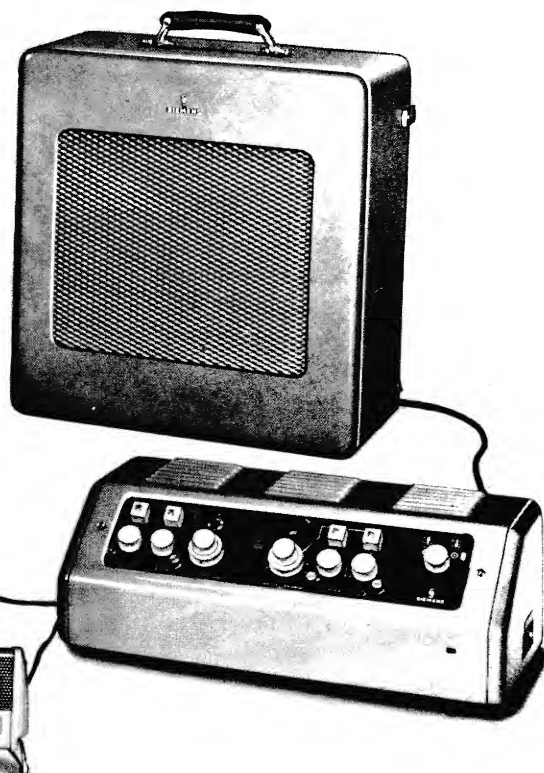
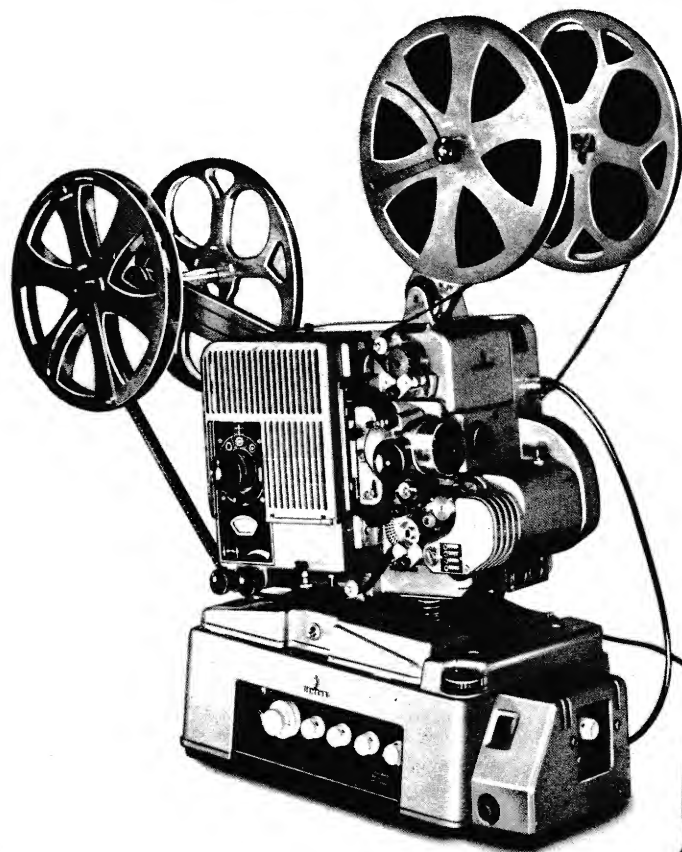
FinishGrained surf-green coated fabric

E-243—Projector (60-cycle operation)
E-244—Projector (50-cycle operation)
E-245—Speaker
E-246—Magnetic Playback Kit

NEW REVERSE MODEL

E-247—
E-248—Magnetic Playback Kit for Reverse Model.

Siemens 2000 Projector



E-249—SIEMENS "2000" Projector, SILENT.

E-250—SIEMENS "2000" Projector, SOUND, optical with 5W Amplifier.

E-251—SIEMENS "2000" Kprojector, SOUND, optical and magnetic playback with 5W Amplifier (no magnetic recording).

E-252—SIEMENS "2000" Projector, SOUND, optical and magnetic with 5W Amplifier (recording and playback).

E-253—SIEMENS "2000" Projector, SOUND, optical and magnetic (recording and playback), with 15W Universal Amplifier and recording attachment.

E-254—SIEMENS "2000" DOUBLE SYSTEM 16/16 Projector, SOUND, optical and magnetic (recording and playback) with built-on tape deck for 16mm perforated tape, including 15W Amplifier and recording attachment. (Tape deck can be supplied with 5mm or 2.5mm heads for edge track or centre track as a recording/playback unit, or can be equipped with magnetic heads 5mm or 2.5mm for playback only: one head edge track; one head centre track.

SPEAKERS

E-255—6W Speaker built-in carrying case (case accepts Projector with 5W Amplifier).

E-256—15W Speaker for use on all models.

CARRYING CASES

E-257—Carrying Case for 5W models only.

E-258—Carrying Case for Universal Amplifier only.

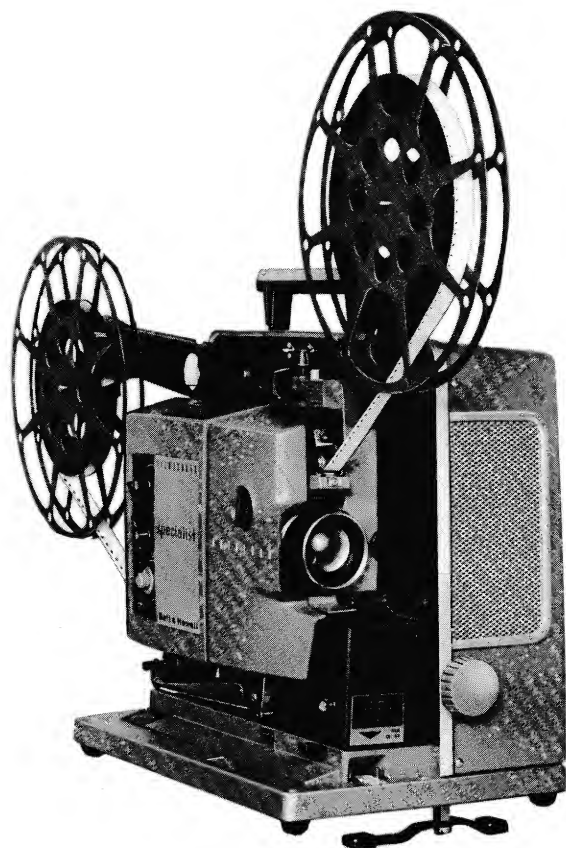
E-259—Carrying Case for Projector Double System 16/16.

MICROPHONE

E-260—Dynamic Microphone for use on all Amplifiers.

Bell & Howell Projectors

Filmosound Specialist 8399



Precision Crafted Features

- precision engineered
- compact and portable
- cold glass heat filter
- automatic loop restorer
- exclusive straight line optical system
- 1000 watt lamp with rhodium reflector
- coated 2" f/1.6 lens
- all optical and lamp elements
- custom pre-aligned
- top mounted reel arms
- 2000 foot reel capacity
- two minute rewind of one hour reel
- convenient threading lamp and fingertip controls
- slip-proof all-gear drive
- permanently attached line cord
- forced air cooling system
- sealed lubrication
- sapphire jewelled film handling parts
- motor, lamp, selector dial switch
- reverse and still picture projection
- automatic rewind release
- powerful 14 watt high-fidelity amplifier
- projects sound or silent films, 24 or 16 f.p.s.
- universal governor controlled motor
- auxiliary speaker available
- 11/120 volts — 50/60 cycle
- removable side mount 8" speaker c/w 40' cable.

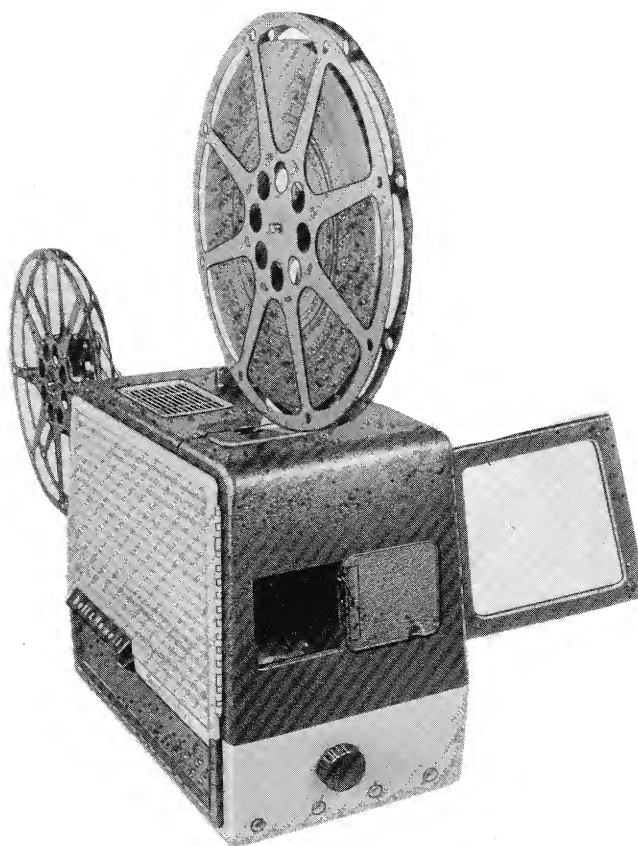
E-261 Model 8399- AV

E-262 Model 8399- AV-1

E-263 Model 552 Specialist Projector
with self-contained, built-in oval speaker. Recommended for "classroom"
size audiences.

E-264 Model 552-10 Specialist Projector
with a separate 10" Auxiliary Speaker in addition to built-in speaker.
Recommended for audiences up to 300 under normal projection
conditions.

E-265 Model 542-P 15 Specialist Projector
with an Academy 15 watt Power Speaker in addition to built-in speaker.
Recommended for audiences up to 1000 under normal projec-
tion conditions.



Aurora Projection Screens

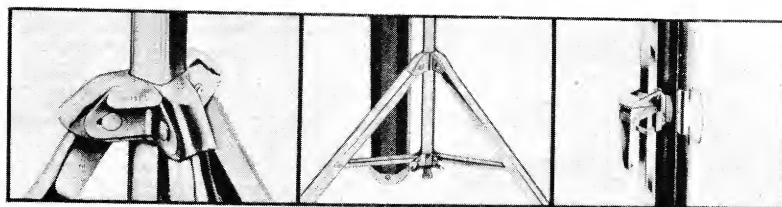
Eldorado Tripod

The finest glass beaded screen; gives amazing depth, crystal clear sharpness with mildew and flame resistant "Vynatex" fabric, seamless in all sizes through 70" x 70".

Custom crafted metal screen case; palm-fit molded carry-handle automatically adjusts screen to any height. Leg set opens automatically with slight tip-of-the-toe pressure. Each square size for slide projection converts quickly to oblong for use with movies.

SIZES

E-268	40" x 40"
E-269	50" x 50"
E-270	45" x 60"
E-271	60" x 60"
E-272	52" x 70"
E-273	70" x 70"



Wall and Wall/Ceiling Models

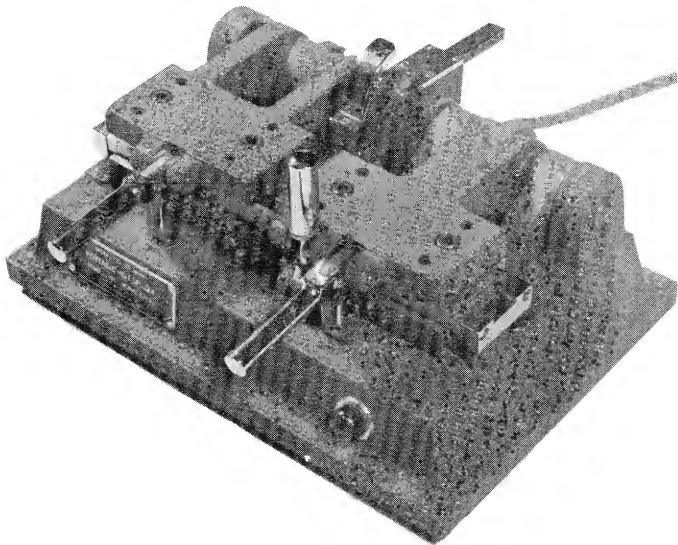
An economical, convenient screen for permanent or temporary installation. Built-in brackets permit hanging from either wall or ceiling. Spring roller makes for smooth operation and allows square sizes for slides to be converted to oblong for movies. All metal case and slat bar protect surface when screen is not in use. Excellent projection is assured with fine glass-beaded "Vynatex" surface; mildew and fire resistant. Seamless through 63" x 84".

SIZES

E-274	50" x 50"
E-275	45" x 60"
E-276	60" x 60"
E-277	52" x 70"
E-278	70" x 70"
E-279	63" x 84"
E-280	84" x 84"

NOTE: Larger sizes available up to 12' x 12'.

Traid Hot Splicers



Traid Hot Splicers feature lifetime scraper blade build-in; precision full-fitting pilot pins; thermostatically heated blades make perfect welds; hardened chrome steel cutter blades. Cuts, splices and welds in one operation. Two sets of pilot pins permit splicing 16mm with the perforations either toward or away from the operator, eliminating the necessity of looping the film around the splicer, particularly important when using "A" and "B" rolls. 16mm pilot pins retract on 35/16 model to permit 35mm splicing.

E-281 Model 135 for 16 and 35mm film

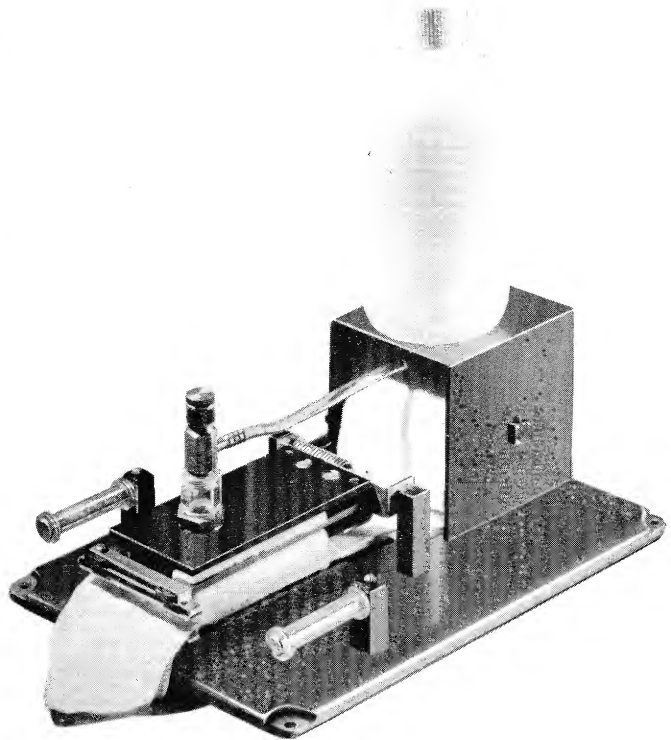
E-282 Model 116 for 16 and 8mm film

Leader Tape

E-283 Black, single or double perforated. (please specify)

E-284 White, single or double perforated. (please specify)

Speedrol Applicator



Designed for use with 8, 16 or 35mm motion picture or strip film. The new Speedrol D permits you to apply either regular or anti-static film cleaners smoothly, evenly . . . without streaks, smudges or smears. The new micrometer sight-feed release valve lets you see at a glance exactly how much fluid is being applied; allows you to meter fluid flow right down to the drop.

E-285 Model D Applicator, complete.

E-286 Flannel rolls for above

E-287 Felt pads for above

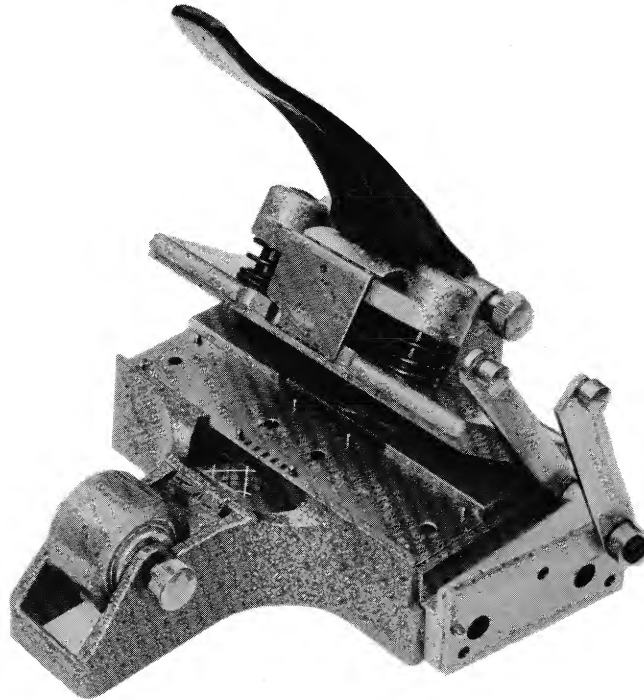
E-288 Teflon Rollers

MADE IN CANADA

Injection moulded Plastic Reels and Film Cores, manufactured locally, eliminate costly importation charges.

E-289	16mm	50 ft.
E-290	16mm	100 ft.
E-291	16mm	Film Cores

C.I.R. Guillotine Splicer



Designed for quick splicing of work prints and sound recording stock. The new Guillotine self-perforating splicer uses non-perforated tape, which eliminates the cost of expensive sprocketed splicing tape, required for conventional butt splicers. As a result, the time per splice is considerably reduced.

Cutting blades provide either straight or diagonal cutting.

E-292	16mm splicer	
E-293	35mm splicer	
E-294	splicing tape	1/2" wide (16mm)
E-295	splicing tape	5/8" wide (16mm)
E-296	splicing tape	3/4" wide (35mm)
E-297	splicing tape	1" wide (35mm)

ALEX L. CLARK LTD.

2500 BATES ROAD
MONTREAL
739-3231
TELEX 01-2579

3751 BLOOR STREET WEST
TORONTO
231-3303 763-4539
TELEX 02-2505

